

P10-1578

Companies called: Société de Technologie MICHELIN

MICHELIN Recherche et Technique S. A.

Title: TREAD HAVING TREAD PATTERN ELEMENTS COVERED WITH A SPECIFIC MIXTURE.

ABSTRACT

A tire tread comprising:

- a plurality of elements in relief (1) comprising a contact face (2) intended to come into contact with the roadway during travel and lateral faces (13, 14, 15, 16), the intersection of each lateral face with the contact face forming a ridge (23, 24, 25, 26),
- a plurality of cutouts (3, 4) in the form of grooves and/or incisions, said cutouts being defined by facing main faces,
- each tread pattern element (1) being formed with at least one rubber mix (referred to as "base mix"),

this tread being **characterised in that**, viewed in section in a plane containing the thickness of this tread, at least one face defining at least one cutout is covered at least in part with a second rubber mix, referred to as "covering mix", this part consisting of covering mix extending when new over a height H_r at least equal to 30% of the height H of the face, at least one first base mix opens on to the contact face when new or at the latest after wear at most equal to 10% of the height H_r , said covering mix comprising a butyl rubber and in that the covering mix comprises a plasticiser of the type unsaturated C_{12} - C_{22} fatty acid ester.

Fig. 2